



THE READOUT

The Stanislaus Amateur Radio News

20 YEARS OF SERVICE TO THE COMMUNITY

JANUARY / FEBRUARY 1996 #2

The Official Newsletter of the Stanislaus Amateur Radio Association

!!! THIS IS YOUR LAST COPY IF NO DUES ARE PAID !!!

Subject : ARLB010 FCC call sign update:

QST de WIAW ARRL Bulletin 10 ARLB010 From ARRL Headquarters Newington CT February 15, 1996 To all radio amateurs

The following is a list of the FCC's most recently issued call signs as of February 1.

District Group A Group B Group C Group D Extra Advanced Tech/Gen Novice

0= AB0AO KI0AV ++ KB0VFH 1= AA1PL KE1EA NIWOJ
KB1BWP 2= AB2AA KG2FN ++ KB2WXM 3= AA3NK
KE3VY N3WTW KB3BNF 4= AE4QB KT4KE ++ KF4GNF
5= AC5GK KK5WI ++ KC5SQT 6= AC6SH KQ6DN ++
KF6BGO 7= AB7OR KJ7UK ++ KC7PBF 8= AA8VV
KG8VF ++ KC8CGD 9= AA9RE KG9FK ++ KB9MOU
N. Mariana KH0V AH0AW KH0ER WH0ABE Guam WH2S
AH2DB KH2PL WH2ANP Hawaii ++ AH6OK ++
WH6CZW Amer. Samoa AH8O AH8AH KH8CK WH8ABF
Alaska ++ AL7QI ++ WL7CRO Virgin WP2V KP2CJ
NP2IU WP2AIA Puerto Rico ++ ++ ++ WP4NIR

++All call signs in this group have been issued in this area.

Subject : ARLB011 Vanity calls delayed Path :

QST de WIAW ARRL Bulletin 11 ARLB011 From ARRL Headquarters Newington CT February 15, 1996 To all radio amateurs

ARRL has learned that the FCC may delay until mid-1996 the announcement of when it plans to open the first gate or gates of the vanity call sign program. A Commission spokesman says the FCC first wants to deal with remaining Petitions for Reconsideration it has received. The FCC had been expected to announce opening dates early this year.

FCC vanity call sign application Form 610V is now available, but the FCC will not accept completed forms until it opens the appropriate filing gates.

Prospective applicants can get the FCC Form 610V package by writing ARRL, 225 Main Street, Newington, CT 06111. Please include an SASE. Form 610V also is available from the FCC via the Internet at <http://www.fcc.gov/Forms/Form610V> or <ftp://ftp.fcc.gov/pub/Forms/Form610V/>, or by fax at 202-418-0177. Ask for Form 006108.

The FCC's Forms Distribution Center also accepts orders for Form 610V at 800-418-3676.

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Ham Class by KN6ZE by kn6ze

In the middle of January of this year, fifteen students gathered in a cold shop garage in Salida with the common objective of becoming hams. The proprietor of the shop, Jim Kataoka, had kindly donated the space for the Ham Class, provided gallons of hot coffee, installed overhead lighting, and last but not least, was one of the students himself. At the hour of seven p.m., fifteen pairs of eyes gazed up towards a chalk board, makeshift podium and, the instructor who much to my distress, was me. I was terrified, having never, in my wildest dreams, considered doing such a brash thing before. Images of everything that could possibly go wrong flashed through my mind. A red fog settled in front of my eyes, my heart was trying to leap out of my chest. I was going to bomb, I just knew it. I took a deep breath and began. To say these students were enthusiastic would be an understatement. Almost to a person, they are all very active and adept operators on Citizen's Band and, like many new hams, are fleeing the, so called "hash and trash" of CB. After a short talk about what they could expect from amateur radio, both pro and con, we spent the remainder of the first night's class just talking about ham radio while getting acquainted. I drank a lot of coffee. With Wednesday night over, I spent two furious days getting ready for Friday night's class, and we met again on Friday evening for the first night or real class. That session went three hours. No one ran out screaming, no one threw rocks, and everyone was still smiling when class ended. It wasn't until then that I knew there was there was any chance of this class being a success. The pattern continued much the same for a total of five weeks, with Wednesday and Friday nights being devoted to teaching these students all the things I wish someone had taught me when I was getting started. I spent much of my time between classes preparing special presentations to give as much information to these perspective new hams as possible. I was determined to have them coming out my class knowing much more than they would have if they had just memorized the questions and answers in the study guide. We covered more than the novice and technician question pools cover, because most of these folks were already involved in one form of radio. They definitely desired more than the basics. We spent a lot of time on antennas, operating procedures, courtesy and repeater protocol. I kept stressing that they were studying for and entry level license and there is far more to ham radio than just 2 meter repeaters. I passed out copies of Morse code computer programs. They gobbled up the material faster than I could spit it out.

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SUBJECT: SARA MINUTES

STANISLAUS AMATEUR RADIO ASSOCIATION JANUARY 16, 1996

The regular meeting of Stanislaus Amateur Radio Association was called to order at 7:35 P.M. by President Mike AC6PQ. Introductions were performed and there were 18 people in attendance. A brief personal background was given by AC6PQ, KE6HVB, KC6TVE, and KE6 SUM.

Jim, N6KMR, asked that information for the Readout be submitted to him. Treasurers report- by Bob KC6TVE, end of year balance was \$4,385.38, expenses were \$3,658.61, the checkbook balance is \$2,442.96. The long distance phone patch bill total for 1995 was \$14.61. Various members have sent in money and donations to cover their bills. Bob also reported on phone patch charges. He reviewed what is a long distance call and what is not. He reported the treasury is in good shape this year.

Old Business - The communications trailer was discussed, a motion to get rid of it any way we can and not to spend another dime on it was made by Jim N6KMR, seconded by Bill KE6SAE. Motion by Bill KE6SAE to accept sealed bids until next meeting, at which time they will be opened and the highest bidder and will be decided by the board. Both motions were voted on and passed.

New Business - Report from Brad K06KL that he passed Leroy NV6S on the hill, and Leroy had the repeater parts with him to repair.

Jim N6KMR, suggested that the Readout accept business card size ads as a means to supplement the cost of printing, and mailing of the Readout. He will figure out an exact price for the ads later. There were no objections to the suggestion.

The Auto patch was discussed as to retain this expense or not. At the March meeting there will be more discussion on this and a vote will be taken to determine the fate of the Auto Patch. Is it worth the money we're spending? President Mike said this is the question that needs to be addressed. Barbara KE6SUM asked about removing the PL for net time. The PL tone can be taken off for the time period that the net is on was reported by President Mike AC6PQ. Motion to adjourn was made by Jim N6KMR, passed, meeting adjourned at 9 P.M. Respectfully Submitted by Barbara KE6SUM, Secretary.

HAM CLASS from pg 1

I was in a studious mood and in the early weeks of class, so I sneaked off and did my extra upgrade. Fueled by that, I handed out about one hundred sheets of extra information to my students, spent hours at the chalk board, and answered more questions than I can remember. Was it worth it? I think so. The final results were that two guys vanished after a few weeks. Another couple were commuting down for the classes from high in the Serrias and with sickness and bad weather, they missed the last two classes. Another lady had a major family crisis and missed several classes. I am certain they will eventually take and pass their tests. However, a group of five of my students went to Sonora and all of them passed. Mr. Kataoka even passed his 5 wpm code test. Four others are scheduled to go to Stockton this weekend, and I have no fear about their success. At the last night of class, one of the guys

who went to Sonora was reading the general class study guide, and six others have already asked me to help them get their general class license. I am going to take all of them to a SARA meeting and hopefully get them signed on as new members. Yeah, it was worth it and I think I would do it again. Now I just hope none of them forgets and says "10 - 4" on the repeater. HA! 73 to all.

NASA

Subject : Jonathan's Space Report (276)

Jonathan's Space Report No. 276 1996 Feb 17
Cambridge, MA

Shuttle -----The next Shuttle mission is STS-75/
Columbia, due on Feb 22.

Mir ---Correction: The spacewalk on Feb 8 was cut short because the astronauts didn't have powerful enough tools to release a bolt on an antenna they were doing maintenance on. The rumour about problems with Gidzenko's spacesuit is apparently false, and I apologize for propagating it. (Source: C vd Berg).

Launch of the EO-21 crew, Yuriy Ivanovich Onufrienko and Yuriy Vladimirovich Usachyov (callsign Skif-1 and Skif-2) will take place on Feb 21 aboard Soyuz TM-23.

Recent Launches -----The Intelsat 708 satellite was launched by the first CZ-3B (Chang Zheng/Long March 3B) on Feb 14. The launch vehicle went off course shortly after leaving the pad and was destroyed about 20s after liftoff. continued to pg 4

TECH REPORT

02/15/96 20:00:12 FROM NV6S

TECH REPORT

Hello Jim, Here goes for the tech report.

Hello to all; It has been a busy couple months on the technical front. It started when the 39 repeater started acting strange and finally died. I took a trip up the hill and after searching for the

elusive problem noted the heat sink on the Micor Repeater was hot even though it had not transmitted for over a half hour. The indication was that the final was in oscillation. I pulled the repeater and brought it down for repairs. Alex, K6LPG, agreed to look at it. Of course as you might have guessed the oscillation wasn't to be found. We changed out several capacitors and ultimately reduced the current required to drive the repeater to its output but 2 amps and increased its ability by about 10 watts. Accompanied by Al White, KD6GIY, I took the repeater back up the hill. I had problems getting audio to pass through the ACC controller. After working with it for a few hours I decided to bring the repeater and the entire controller including the interface circuitry used for the auto patch back down for a major rebuild. continued pg 4

SCUTTLE BUTT

SCREAMS FROM THE CROWD

02/15/96 07:44:09 FROM N6UGH

skuttle butt heard that that ham n6kmr is getting married...true or not i do not know... also heard that tcp/ip is still trying to get a real good start here in the valley...it now has a link to the internet...still has some teeting pains but progress is being made...all 4 now CUL JIM ...

SUBJECT: MINUTES 2/20

STANISLAUS AMATEUR RADIO ASSOCIATION

FEBRUARY 20,1996 The regular meeting of Stanislaus Amateur Radio Association was called to order at 7:34 P.M. by President Mike AC6PQ. Introductions were performed and there were 22 people in attendance. Minutes of previous meeting were read by Secretary Barbara KE6SUM and accepted. Treasurers report- Bob KC6TVE reported that the dues are trickling in at a slow rate this year and asked that everyone remind others that it is time to pay the yearly dues. Jim N6UGH made a motion to accept the Treasurers report, voted passed. Mike AC6PQ expressed thanks on behalf of the S.A.R.A. club to Leroy NV6S for all his fine work on the repeater and his technical help to the club. Also thanks were given to Jim N6UGH for his outstanding dedication to the club last year as President. Congratulations to Berry KN6ZE on his upgrade to Extra Class! Congratulations to new Hams, Nanette Hartman, Jim Kataoka, and Duane Spyksma on passing their tests. Technicians report-Leroy NV6S reported on the repeater repair work that he did on the 2 meter machine. He is considering relocation of the 2 meter machine to help eliminate interference. He has tentative permission to relocate the low level machine to the Red Lion site in downtown Modesto. He is hoping to install a 6 meter machine. Old Business- Trailer. Bids were asked for by President Mike, none were submitted at the meeting the trailer was awarded to Larry's Tire Mart for the bid price of \$151.00. The phone patch was discussed again and it was reported that this is only a discussion to determine if people want to keep the Auto Patch. It will be discussed again. New Business- Field Day, Jim KE6HVB volunteered to be co-ordinate, he would appreciate ideas about locations. It was reported that Bill KC6VWO would try to get media coverage of this event. Leroy NV6S asked the club if it would want a 6 meter rig installed. Cost to the Club would be approximately \$100.00. Motion to install a 6 meter rig was made by Jim N6KMR and seconded by Berry KN6ZE, voted on and passed. Jim N6UGH asked that we discuss the Club's Station Equipment at the next meeting and a list of equipment will be brought and a discussion made to see if we want to eliminate some or all of the inventory. continued to pg 7

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ARRL

Subject: ARLB009 PRB-1 change sought:

QST de WIAW ARRL Bulletin 9 ARLB009 From ARRL Headquarters Newington CT February 15, 1996 To all radio amateurs

The ARRL wants the FCC to take additional steps to compel state and local governments to make reasonable accommodation for Amateur Radio under PRB-1 and apply the least restrictive means to regulate amateur antennas and activity. In a petition for rulemaking filed February 7, the league calls on the FCC to amend Section 97.15(E) to say that any state or local ordinances restricting ham radio antennas to heights below 70 feet would be presumed unreasonable, unless the state or local authority could show its restrictions support a clearly defined health, safety or aesthetic objective. State and local governments also could not impose substantial application costs on amateur service licensees.

The league also wants the FCC to acknowledge that it has an interest in the effective performance of amateur radio stations in areas regulated by deed restrictions or restrictive covenants rather than by local zoning ordinances.

The league says clarifying the preemption policy (PRB-1) would help guide municipalities to enact provisions that make fair accommodation for amateurs and avoid highly divisive litigation between hams and localities.

Under the suggested changes, state and local governments could apply to the commission for a full or partial waiver of the amended rules in unusual circumstances.

The FCC has not assigned a rulemaking petition (RM) number.

Here is the suggested wording of Section 97.15(E) the petition requests:

(1) State and local regulation of a station antenna structure must not preclude amateur service communications. Rather, it must reasonably accommodate such communication; it must constitute the minimum practicable regulation to accomplish the state or local authority's legitimate purpose and it must not impose substantial costs on amateur service licensees.

(2) Any state or local antenna restriction or regulation which, on its face or as applied, would limit amateur station antennas to heights below 70 feet is presumed unreasonable unless the promulgating authority can demonstrate that such regulation is necessary to accomplish a clearly defined, and expressly stated health, safety or aesthetic objective that there is no less burdensome alternative to the regulation and that the federal interest in efficient amateur

continued pg 4

NEWS ITEMS NEEDED THE EDITOR NEEDS IT

radio communications from the amateur station at issue is otherwise reasonably accommodated.

(3) Any state or local authority, or other entity that wishes to maintain and enforce zoning, land use or other regulations or restrictions inconsistent with this section may apply to the commission for a full or partial waiver of this section. Such waivers may be granted by the commission in its sole discretion, upon a showing by the applicant that local concerns of a highly specialized or unusual nature create an overwhelming necessity for regulation inconsistent with this section. No application for waiver shall be considered unless it includes the particular regulation for which waiver is sought. Waivers granted according to this rule shall not apply to later-enacted or amended regulations by the local authority unless the commission expressly orders otherwise. NNNN

1996 SONORA EXAMS

To: All Amateur Radio Operators

....Greetings From Tuolumne County....

Subject: 1996 Tuolumne County ARRL VEC session Dates and Location.

1996 Tuolumne County ARRL VE sessions have been scheduled as follows:

Dates: February 10 April 13 June 29 September 28 November 23

Location: Tuolumne County Library 480 Greenly Rd, Sonora Ca.

Starting Time: 9:00am, All sessions

For Additional information please contact: NI6Z Carl (209) 962-7146 (liaison) AB6ZY John (209) 532-1809

CU at the NEXT session 73 de NI6Z, Carl

NASA continued from pg 2

This is the third failure in recent years for the Long March rocket (the other failures used the older CZ-2E variant).

Two successful launches late last year had restored its reputation, but after the latest failure insurers are likely to be wary. Launch time was quoted as 03:01 local time. AP reported that two soldiers were slightly injured in the blast.

The CZ-3B uses the stretched first stage from the CZ-3A, which flew once in 1994, the strap-on motors from the CZ-2E, the usual second stage common to the CZ-2/3 series, and the hydrogen/oxygen high energy third stage from the CZ-3A.

The NEAR space probe was launched on Feb 17 at 2043 UTC. The first of NASA's Discovery planetary series, NEAR (Near Earth Asteroid Rendezvous) is built by the Applied Physics Lab (APL) of Johns Hopkins University. The Delta 7925-8 launches NEAR into solar orbit with perihelion of about 1.0 AU and aphelion of about 2.5 AU (anyone with accurate orbital

TECH REPORT:

I installed the ACC controller and associated circuitry in a metal box and used DB-9 and DB-25 connectors to get in and out of the box. I added the *6 function to the *5 controller. *6 will put the repeater back in PL mode immediately instead of waiting for the timer. This is useful when we are experiencing severe interference problems. A return trip was made and the repeater and controller were installed. I had a couple bugs that I hadn't yet worked out but most of it seemed to be working real fine. I spent several hours chasing the bugs but had to call it a day with some still unsolved. It became evident the audio level was quite low soon after I was down on the valley floor. Within a couple days the 140 repeater began acting strange and seemingly being desensed or something similar. Jim, N6UGH, and I headed up the hill the next weekend. A heavy rain hit the MT. Oso area that morning and we were turned around by the property owner. The repeaters had to wait for my time and conditions to come together. I had other obligations and was unable to get back up the hill until 2-12-96. I went to work that morning and managed to get my have to do chores done early. I took the rest of the day on vacation. Bob, KC6TVE, accompanied me on that day. I found a loose strand of wire that had been missed on a solder job to one of the DB-25 pins grounding out. That is the control for the 440 repeater. Grounding that wire shuts the 440 repeater off. A new solder job solved that problem. I adjusted all of the levels and had another wire problem. I have discovered that I need to shrink wrap the solder connections on the db connectors and will do that as I make future trips. They are in difficult locations to see and I've had some problems with shorting there. Aside from This need which is not urgent at this time, things are working as expected. The interference problems on the two meter machine are still a priority but bare difficult to trace down. I thank the members for patience while waiting for me to do repairs. I thank all who have helped with technical chores and have accompanied me on trips up the hill. I thank non member KD6GIY for his support. He has given us a spare 60 watt final for the two meter repeater, given us a spare final for the old Spectrum two meter repeater, accompanied me on a trip up the hill and offered much more help. K6LPG has given much of his time and talents. Without this support much of what I do would simply be impossible. 73 to all and I will be looking forward to chatting with you on the air.

data, please send me the details). In Jun 1997 NEAR flies past minor planet (253) Mathilde, and in Jul 1997 it makes a course correction for an Earth flyby in Jan 1998. The Earth flyby, at an altitude of about 480 km, lowers aphelion to around 1.7 AU. In Jan 1999, NEAR makes rendezvous with minor planet (433) Eros and enters orbit around it. The 805 kg spacecraft carries a liquid propellant engine with a 100-lb thruster, a multispectral imaging camera, an X/gamma-ray spectrometer to study asteroid composition, a near infrared spectrograph, a magnetometer, a laser rangefinder, and an X-band communications transponder used for tracking. continued to pg 7

Subject : License Exams N-CA/NV/S-OR

From: KK1A@K7WWA.#NOCAL.CA.USA.NOAM To :
EXAMS@ALLCAN

TESTS19.FEB Exam list:

Area Codes 916/707/415/510/408/209/NW-702/SW-541
Format:City of Exam, Phone, VEC/Pre-Reg, Contact, date(s)

Alameda (510)522-6868 Aw WB6EEE MAR 27 +IP+
Berkeley (510)530-0544 Sw N6YBD MAR 17 JUN 21 SEP 15
Chico (916)342-1180 Cp W6YKU APR 14 JUN 2 AUG 4
OCT 6 DEC 1

Clearlake (707)274-3387 Aw KE6HMH APR 20 MAY 25
Concord (510)254-5090 Sw WW6H APR 7 JUN 2 AUG 4
OCT 6 DEC 1

Cupertino (408)243-8349 Aw AE6Z MAR 2/16 APR 6/20
MAY 4/18 JUN 1/15 JUL 6/20 AUG 3/17 SEP 7/21 OCT 5/19
NOV 2/16 DEC 7/21

Elko NV (702)738-7110 Aw N7JEH FEB 24

Fairfield (916)791-0268 Ap AB6EY FEB 24 MAR 30 APR 27
MAY 25 JUN 29 JUL 27 AUG 31 SEP 28 OCT 26 NOV 30
DEC 28

Fortuna (707)725-2045 Aw K6KGA FEB 25

Fremont (510)791-6818 Sw KJ6EP MAR 5 APR 2 MAY 7
JUN 4 JUL 2 AUG 6 SEP 3 OCT 1 NOV 5 DEC 3

Fresno (209)431-2038 Aw W6DPD MAR 17 MAY 19 JUL 21
SEP 15 NOV 17

Glen Ellen (707)996-6461 Aw AB6EU AUG 10 NOV 16
Grant's Pass (541)474-0205 Yw AA7WC MAR 8 JUN 14 SEP
13 DEC 13

Hanford (209)924-4221 Sw AA6GZ APR 21 JUL 7 OCT 6
Henderson NV (702)565-0242 Aw NK7N MAR 2 APR 6
MAY 4 JUN 1 JUL 6 AUG 3 SEP 7 OCT 5 NOV 2 DEC 7
Jackson (209)296-3412 Aw AA6EW APR 6 JUL 13 NOV 9
Klamath Falls(541)883-1737 Aw KG7OK MAY 4 SEP 28
Lafayette (510)427-4022 Ap WB6LQG APR 6 APR 19
Medford OR (541)772-6865 Yw N7IXS MAR 18 MAY 13
AUG 19 DEC 9

Medford OR (541)878-3433 Aw KE7VO JUN 15 OCT 19
Mendocino (707)459-3980 Sp WA6ACX MAR 10

Minden NV (702)265-4278 Aw WW7E MAR 16 MAY 18
JUL 20 SEP 21 NOV 16

Modesto (209)883-2968 Aw W6XK SEP 14

Murphys (209)736-4327 Aw AC6CY MAY 4 AUG 3

Oakdale (209)883-2968 Aw W6XK MAR 23

Oakhurst (209)683-8772 Aw W6JTA MAR 16 JUN 15 SEP 21
DEC 21

Oakland (415)752-8783 Aw AA6UX MAR 3 MAY 5 JUL 7
Petaluma (707)762-9414 Aw WB6TMS MAR 18 MAR 23
OCT 19

Porterville (209)535-4288 Sw WA6WRS MAR 16 JUN 15

SEP 21

Redding (916)547-3665 Ap WU6Q MAR 9 MAY 11 JUL 13
SEP 14 NOV 9

Redwood City (408)255-9000 Sw KB6OWG MAR 16 APR 20
Reno NV (702)826-0329 Aw N7BIP APR 20 JUN 15 AUG 17
OCT 19 DEC 21

Reno NV (702)851-1176 Yw WS2Z MAR 9 APR 13 MAY 11
JUN 8 JUL 13 AUG 10 SEP 14 OCT 12 NOV 9 DEC 14
Roseburg OR (541)672-5884 Aw AB7DC APR 10 JUN 12
AUG 14 OCT 9 DEC 11

Roseburg OR (541)672-7564 Aw AA7GC MAR 13 MAY 8
JUL 10 SEP 11 NOV 13

Sacramento (916)483-3293 Aw AA6DJ MAR 16 APR 20
MAY 18 JUN 15 JUL 19 AUG 16 SEP 21 OCT 19 NOV 16
DEC 21

Sacramento (916)334-4887 Yw AB6OP MAR 6 APR 3 MAY
1 JUN 5 JUL 3 AUG 7 SEP 4 OCT 2 NOV 6 DEC 4

San Rafael (707)778-8504 Aw WE6N MAR 2 JUN 15 SEP 7
Santa Rosa (707)527-8593 Aw AB6OL APR 13 JUL 13
Sebastopol (707)527-8593 Aw AB6OL SEP 21

Sonoma (707)996-6461 Aw AB6EU APR 27

Sonora (209)962-7146 Aw NI6Z APR 13 JUN 29 SEP 28
NOV 23

Stockton (209)465-7496 Aw W6DKI MAR 16 APR 20 MAY
18 JUN 15 JUL 20 AUG 17 SEP 21 OCT 19 NOV 16 DEC 21

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SARA Membership Application

Call : _____ Date: _____

Name: _____

Address: _____

City & State: _____

Zip Code: _____ ARRL Member?: (yes) (no)

Home Phone: _____ Alt Phone: _____

Occupation: _____

Date Of Birth: _____ Clas Of Lic: _____

Year First Licensed: _____

Dues: Renewal \$23.00 per year. Out of area more than 150 miles from Modesto is \$11.00. New first time applicants dues are pro-rated from the month you join the club. Use \$1.91 times the number of months remaining in the year. I.E- You join in July = $6 \times \$1.91 = 11.46$

SARA, repeaters are, on MT.OSO/ 2mtr = 145.390- pl 136.5

220band= 224.14, / 440 band = 440.225- pl 136.5 / SARA
Ka-node =WD6EJF/ SARA= 144.91 / 10mtr digi= 28.103

SARA OBIT

Franklin B. Ashby

Nov. 15, 1913 -- Jan. 18, 1996

Franklin "Frank" B. Ashby, W6AJU, Modesto died Jan. 18 in Eatonville, Washington. He was 82.

Frank was a native of Wardner, Idaho. He had lived in the Modesto area since 1964. He was founder and former owner of Modesto Communications. He was a member of SARA for many years and also a licensed airplane pilot.

He is survived by his children, Gay Stephens of Modesto and Grant Ashby of Albuquerque, N.M.; sisters, Betty Olsen of Portland, Ore., and Darlene Benfield of Tillamook, Ore.; brother, Charles Matheny of Westlake Village; and two grandchildren. Burial was at Stiltner Family Cemetery, Morton, Washington.

Our condolences to his family.

SARA SILENT KEYS

W6YIN.....	Charles Barnes.....	November 5, 1978
NV6Z.....	Henry Deeter.....	July 7, 1979
K6JFS.....	Charlie Mendoza.....	November 13, 1979- 69
WB6VUS.....	Richard Jensen.....	January 21, 1981
W6GCL.....	Will McAlpine.....	February 1982- 73
KA6GVR.....	Norman Goodwin.....	October 2, 1982- 61
W6FIQ.....	Bill Dalton.....	December 20, 1982- 76
N6BGA.....	Quentin Goodrich.....	March 18, 1983- 64
K6AYL.....	Leo Nepote.....	July 12, 1983- 60
W6ERE.....	Cliff Price.....	October 2, 1983- 69
W6QH.....	Tony White.....	November 28, 1983- 78
KB6DVQ.....	Stephen Pereira.....	April 2, 1984- 66
WB6TUV.....	Bill Ponkow.....	July 19, 1984- 69
N6HFU.....	Edgar Martin.....	May 14, 1985- 69
WB6LSC.....	Glen Andrews.....	May 29, 1985- 43
N6DXB.....	Joe Parker, Sr.....	January 14, 1986- 61
K6PDE.....	Chuck Strobel.....	May 29, 1986- 65
K6KQE.....	Bob Le Cler.....	July 19, 1986- 71
KB6UAW.....	Luverne Donker.....	August 29, 1987- 67
WA6APF.....	Larry Merritt.....	May 27, 1988- 80
W6OIN.....	Jack Scanlon.....	July 19, 1988- 58
WA6OQF.....	Ray Olive.....	December 20, 1988- 74
N7EDZ.....	Thomas Walker.....	September 30, 1991
KI6OO.....	John McLaughlin.....	April 20, 1992- 79
N6SAH.....	Jo Anne Shaffer.....	September 19, 1992- 50
WA6KDC.....	Daniel Tonini.....	February 22, 1994- 76
KJ6YZ.....	Oliver Borns.....	August 6, 1994- 63
W6AJU.....	Frank Ashby.....	January 18, 1996- 82

QUOTES FROM THE EDITOR:

Well my long last peve was violated agian, some lid called his wife on the auto patch and when she could not here him with good quality he said" HANG UP AND I'LL CALL YOU ON THE CELL PHONE, I HAVE IT RIGHT HERE IN THE CAR."... (place groan here). Yep thats what I heard...

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EXAMS

Sunnyvale (408)255-9000 Sw W6NLG FEB 25 MAR 9/24 APR 13/28 MAY 11/26 JUN 8/23 JUL 13/28 AUG 10/25 SEP 14/22 OCT 12/27 NOV 9/24 DEC 14/22

Turlock (209)883-2968 Aw W6XK MAY 11

Willits (707)459-3980 Sp WA6ACX APR 13

Yreka (916)467-3255 Aw WA6IHK APR 13

Yuba City (707)673-0868 AM KB6EJ MAR 12 MAY 14 JUL 9 SEP 10 NOV 12 +TP+ Up to Tech-Plus ONLY <Elements 1A, 2, 3A ONLY>

Pre-Registration code: w=Walk-ins as space permits, p=Prefered-Call First, M=MANDATORY.

96 Fees: ARRL-W5YI \$6.05

Sunnyvale-Chico \$6.00

Well looks like the repeater is back up and running. Thanks Leroy, next time you hear him in there let him know you appreciate his works.

Hey looking for some one to do a fox hunt ? Contact me on this one.

Always looking for more items in news, and scuttle butt from you all would be apreciated. Those who createak this news letter for miss spelled words and mix ups please contact me for shared duties and committees assignment. We need a committee on fox hunts, field days enjoyment, dxing contests.

Oh, Oh, Heard a good one the other day. Some extra was talking to a recient no- coder tech, and the new ham asked him what his PERSONAL was and his PERSONAL was Steve, along pause was noticed as the repeater dropped signal. This extra keyed up and slowly came back and siad," Well young man, Iam not acustomed to naming my penis and I really don't want to know yours." and unkeyed. The new ham came back and stated that he was also not acustomed to cursing language on the air and he was leaving the freq. I swear, I heard this on another local valley machine. I almost drove off the road laughing..

CPR CLASSES are being offered for FREE, by the Regional Fire Training Center , 1220 Fire Service Lane, (off carpenter and blue gum) in Modesto., Monday nights from 6 to 10 pm. and Saturday momings 8:30 to 12:30, for ages 12 years and up group size limits, CALL 491-5937 for registration, TELL them were you heard this at.

Hey, if you here ole NW6G out there ask him how he liked HOOTERS. He forgot about the BOOPS too.

KE6HVB our acting V.P. is the field day cordinator this year, he is looking for sights and members to be part of this function. Look for him on the packet board reall soon too. Well it's time to put this ramblings off to the printer, look for you at the next meeting, hope some of our ARES friends show up! 73's.. ed..

You need a new club!!

Greetings from Southern California;

If your club has boring meetings, get a new club or get involved in the old one and CHANGE IT. Complaining about your lousy club meetings on packet radio won't change a thing. There is no reason you can't take extra time on a topic, and yes 20 minutes certainly is not enough time to explain ANY amateur radio topic. Why do you members allow that kind of time table? I belong to two clubs here in Los Angeles (lots of hams in southern California maybe thats the difference). We have elmers in several catagories, a show and tell type time during the meeting, interesting speakers, intos on new gear, Saturday sessions at the club station, group activities, the whole thing. Interesting group! If your club bores you START ANOTHER. Certainly other members of the group have the same gripe.

Good luck

Jay AC6GR ac6gr@k6ve#soca.ca.usa.noam. ac6gr@aol.com
----- End of message 7247 from AC6GR @
K6VE.#SOCA.CA.USA.NOAM -----

I recently pulled this off the bbs and read it. It seems that we are not the only ones that have grmlines in their society. It is a shame that we have persons of such low esteem that they tend to drag down the ones who are really working it out. Which brings me to mind of the old saying : " IT IS HARD TO SORE AS AN EAGLE WHEN YOU HAVE TO FLY WITH SUCH TURKEY'S" . So come to the next meeting and see the eagles fly!!!! The ed..

2/20 minutes

continued from pg 3

Leroy NV6S asked for volunteers to help at the CROP walk organized by a rea Churches to raise money for local charities the date is April 28th. Bob KC6TVE asked for volunteers for the Canyon Classic 100 mile bike race to be held April 27th. Meeting was adjourned at 9:15. Respectfully Submitted by Barbara KE6SUM, Secretary

COMMING NEXT MONTH!

DISCUSSION OF SURPLUS RADIO EQUIPMENT THAT THE CLUB OWNS AND WOULD LIKE TO SELL.

FURTHER DISCUSSION OF THE AUTO PATCH , DO WE REALLY NEED IT?

SELECTION OF COMMITTEES FOR THE CROP WALK .

MEMBERSHIP DUES ARE DUE NOW !!!!

WE WOULD APREACIATE YOUR SUPPORT. !!!!

DISCUSSION OF CONTESTING HF/VHF WHO WOULD LIKE TO JOIN??

PLACE YOUR ADD FOR THE CLUB WANT ADDS.

DISCUSSION OF A LOCAL BBS SERVICE FOR THE CLUB MEMBERS FOR THE SERVICE OF THE CLUB ETC.

NASA continued from pg 4

The Delta second stage placed NEAR in a 185 km parking orbit at 2052 UTC; it ignited again at 2105 and burned for 3 minutes. At 2109 the PAM-D third stage solid motor ignited; at around 2111 the PAM-D separated and NEAR began to deploy its solar panels. The Canberra tracking station confirmed successful launch at around 2200 UTC.

Obituary -----Spaceflight journalist and analyst Joel Runes died of a heart attack on Jan 11. Joel was a frequent contributor of information to this newsletter, and a nice guy whose friendship, analytical skills and common sense were greatly valued. A former Goddard Space Flight Center engineer, Joel lived in Florida and reported in detail on every launch from the Cape.

Mikhail Reshetnev died on Jan 26, not Jan 29 (thanks, Maxim).

Table of Recent Launches -----Date UT Name
Launch Vehicle Site Mission INTL. Feb 5 0719 N-STAR b
Ariane 44P Kourou ELA2 Comsat 07A Feb 14 1901 Intelsat
708 Chang Zheng 3B Xichang Comsat FTO Feb 17 2043
NEAR Delta 7925-8 Canaveral LC17B Space probe

Payloads no longer in orbit -----Dec 18
Kosmos-2305 Deorbited Jan 20 Endeavour Landed at KSC

Current Shuttle Processing Status Orbiters Location Mission
Launch Due

OV-102 Columbia LC39B STS-75 Feb 22 OV-103 Discovery
Palmdale OMDP OV-104 Atlantis OPF Bay 1 STS-76 Mar 21
OV-105 Endeavour KSC RW15 STS-77 May 16

ML/SRB/ET/OV stacks

ML1/ ML2/RSRM-46/ET-77 VAB Bay 3 STS-76 ML3/
RSRM-53/ET-76/OV-102 LC39B STS-75

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USA | jmcdowell@cfa.harvard.edu | | | JSR: http://hea-
www.harvard.edu/QEDT/jcm/space/jsr/jsr.html | | ftp://sao-
ftp.harvard.edu/pub/jcm/space/news/news.* | '-----'

[reposted from an Internet newfeed]

**SELL YOUR RADIO HERE ,
YOUR ANTENNAS HERE,
BUY YOUR LONG LOOKED FOR RADIO EQUIPMENT
FROM YOUR LOCAL NEWS LETTER..... CLUB.....
LIST YOUR STUFF WITH THE EDITOR.....
N6KMR@ KD6JZZ OR 144.91 DIRECT.....**



THE READOUT

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Contributions to the READOUT are always welcomed and may be submitted to the editor by packet, phone modem or by disk in txt format, send packet mail too N6KMR@KD6JZZ or direct to me at N6KMR-1 on 144.910. The deadline for articles is the 15th of the preceding month of publication. Articles of religion or government politics are not accepted.

ARRL membership may be paid through SARA with the club recieving a \$2.00 commission. Please send your ARRL membership form along with your check to SARA, we will deduct the commission and place your membership with theARRL.

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~~KATE BE~~
~~P.O. BOX 4601~~
~~MODESTO, CA 95352~~
~~1995~~

Next Meeting Is March 19, and also April 16, 1996 At 7:30 pm & You're Invited to come to the Stanislaus County Ad. Biulding downstairs in the conference room.... SEE YOU THERE.